

PAT-NO: JP407090805A

DOCUMENT-IDENTIFIER: JP 07090805 A

TITLE: PAVING MATERIAL FOR CIVIL ENGINEERING AND
CONSTRUCTION

PUBN-DATE: April 4, 1995

INVENTOR-INFORMATION:

NAME
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ASSIGNEE-INFORMATION:

NAME	COUNTRY
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APPL-NO: JP05239775

APPL-DATE: September 27, 1993

INT-CL (IPC): E01C005/22

ABSTRACT:

PURPOSE: To provide an easy-repairing paving material easy for construction and without a fear of fading and uneven settling after construction by blending colored glass and fluorescent colored glass of specific grain size with epoxy resin of a specific weight ratio.

CONSTITUTION: Colored glass 1 and fluorescent colored glass 2 of grain size 2-10 mm are prepared as a dry aggregate. Sufficiently dried industrial waste glass is used so as to effectively utilize industrial waste. First, the colored glass 1 and the fluorescent colored glass 2 to be the aggregate are mixed with each other by dry mixing of a mixer. Epoxy resin 3 of a weight ratio 6-12% as a binder is blended with the mixed aggregate. On a road surface

previously cleaned, a form is laid. Inside of this form, a paving material mixed by the mixer is laid and leveled, and a surface thereof is trowel-finished. By curing to cure the epoxy resin 3, a pavement surface is obtained.

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